

LISTA DE LUCRĂRI CONFERENȚIAR UNIVERSITAR DR. MONICA DANIELA DOȘA

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1. Bjørklund G, **Doșa MD**, Maes M, Dadar M, Frye RE, Peana M, Chirumbolo S. [The impact of glutathione metabolism in autism spectrum disorder](#). Pharmacological Research 2021;166:105437.
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3. Gasmi A, Mujawdiya PK, Shanaida M, Ongenae A, Lysiuk R, **Dosa MD**, Tsal O, Piscopo S, Chirumbolo S, Bjørklund G. [Calanus oil in the treatment of obesity-related low-grade inflammation, insulin resistance, and atherosclerosis](#). Applied Microbiology and Biotechnology 2020;104(3):967-979.
4. Bjørklund G, Chirumbolo S, Dadar M, Pen JJ, **Doșa MD**, Pivina L, Semenova Y, Aaseth J. [Insights on nutrients as analgesics in chronic pain](#). Current Medicinal Chemistry 2020;27(37):6407-6423.
5. Bjørklund G, Dadar M, Pivina L, **Doșa MD**, Semenova Y, Maes M. [Environmental, neuro-immune, and neuro-oxidative stress interactions in chronic fatigue syndrome](#). Molecular Neurobiology 2020;57(11):4598-4607.
6. Bjørklund G, Chirumbolo S, Dadar M, Pen JJ, **Doșa MD**, Pivina L, Semenova Y, Aaseth J. [Insights on nutrients as analgesics in chronic pain](#). Current Medicinal Chemistry 2020;27(37):6407-6423.
7. Pivina L, Semenova Y, **Doșa MD**, Dauletyarova M, Bjørklund G. [Iron deficiency, cognitive functions, and neurobehavioral disorders in children](#). Molecular Neuroscience 2019; 68(1):1-10.
8. Bjørklund G, Aaseth J, **Doșa MD**, Pivina L, Dadar M, Pen JJ, Chirumbolo S. [Does diet play a role in reducing nociception related to inflammation and chronic pain?](#) Nutrition 2019;66:153-165.
9. Bjørklund G, Dadar M, Pivina L, **Doșa MD**, Semenova Y, Aaseth J. [The role of zinc and copper in insulin resistance and diabetes mellitus](#). Current Medicinal Chemistry 2020;27(39):6643-6657.
10. Tătăranu LG, Georgescu AM, Buteică SA, Siloși I, Mogoșanu GD, Purcaru SO, Alexandru O, Stovicek OP, Brîndușa C, **Doșa M**, Taisescu CI, Dricu A. [Ligustrum vulgare hydroalcoholic extract induces apoptotic cell death in human primary brain tumour cells](#). Farmacia 2017;65(5):766-771.
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1. Pazara L, Tudorache M, Dusa D, Bjørklund G, Dadar M, **Doșa MD**, Chirumbolo S, Cambrea C. Prolonged alterations in red blood cell rheology following mild SARS-CoV-2 infection: Implications for microvascular health Clinical Immunology 2025 Aug;277:110511 <https://www.sciencedirect.com/science/article/abs/pii/S1521661625000865>

2. Geir Bjørklund, Roman Lysiuk, Yuliva Semenova, Larysa Lenchyk, Natalia Dub, Monica Daniela Doşa, Tony Hangan. Herbal Substances with Antiviral Effects: Features and Prospects for the Treatment of Viral Diseases with Emphasis on Pro-Inflammatory Cytokines *Current Medicinal Chemistry* 2024; 31(4):393-409
<https://www.sciencedirect.com/org/science/article/abs/pii/S0929867324000206>
3. Pandolfi S, Chirumbolo S, Ricevuti G, Valdenassi L, Bjørklund G, Lysiuk R, **Doşa MD**, Lenchyk L, Fazio. Home pharmacological therapy in early COVID-19 to prevent hospitalization and reduce mortality: Time for a suitable proposal *Basic and Clinical Pharmacology and Toxicology* 2022 Feb;130(2):225-239. <https://pubmed.ncbi.nlm.nih.gov/articles/PMC9011697/>
4. Pandolfi S, Valdenassi L, Bjørklund G, Chirumbolo S, Lysiuk R, Lenchyk L, **Doşa MD**, Fazio S. COVID-19 Medical and Pharmacological Management in the European Countries Compared to Italy: An Overview *International Journal of Environmental Research and Public Health*. 2022 Apr 2;19(7):4262. <https://www.mdpi.com/1660-4601/19/7/4262>
5. Rezaei M, Błaszczak M, Tinkov AA, Binkowski LJ, Mansouri B, Skalny A, Azadi N, Doşa MD, Bjørklund G. Relationship between gestational diabetes and serum trace element levels in pregnant women from Eastern Iran: a multivariate approach *Environmental Science Pollution Research* 2021 Sep;28(33):45230-45239. <https://link.springer.com/article/10.1007/s11356-021-13927-1>
6. Samadi A, Isikhan SY, Tinkov AA, Lay I, **Dosa MD**, Skalny AV, Skalnaya MG, Chirumbolo S, Bjørklund G. Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus *Clinical Nutrition* 2019;39(6):1849-1856 [https://www.clinicalnutritionjournal.com/article/S0261-5614\(19\)30308-5/abstract](https://www.clinicalnutritionjournal.com/article/S0261-5614(19)30308-5/abstract)
7. Meguid NA, Bjørklund G, Gebril OH, **Doşa MD**, Anwar M, Elsaeid A, Gaber A, Chirumbolo S. The role of zinc supplementation on the metallothionein system in children with autism spectrum disorder *Acta Neurologica Belgica* 2019;119(4):577-583
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1. Methylmalonic Acidemia in Children- Case Presentation Cristina Singer, Simona Cosoveanu, Ileana Puiu, Camelia Al-Khzouz, Gindrovel Dumitra, **Monica Doşa**, Laura Marinău, Mihaela Popescu *Jurnalul Pediatriei-Year XIX*, Vol. XIX, Nr. 75-76, pag. 65-68, 2016
<http://www.jurnalulpediatriei.ro/archive/75-76.html>
2. Targeting EGFR in high grade gliomas induces cytotoxicity and apoptosis Georgescu Ada Maria, Serban Florentina, Alexandru Oana, Ene Laurentiu, Purcaru Stefana Oana, **Doşa Monica Daniela**, Danculescu Maria Mihaela, Dricu Anica *Annals of R.S.C.B.*, Vol. XX, Issue 1, 2015, pp. 27-33
<http://www.annalsofrscb.ro/numar%20in%20curs/20%201/index%2020%201.html>
3. Bivalent Metal Ions in Diabetes Mellitus Mihai Nechifor, **Monica Daniela Doşa**, Cristina Gales, Carmen Zamfir, Florina Crivoi *Acta Metallomica-MEEMB*, 2014, Tome XI, No.1, 43-50

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4. Angiogenesis and Vascular Endothelial Growth Factor in malignant gliomas

Alisa Madalina Popescu, Stefana Oana Purcaru, B. Stoleru, Ligia Tataranu, Daniela Elise Tache, **Monica Daniela Doșa**, Anica Dricu Current Health Sciences Journal, Vol. 39, No. 1, 2013 January March <https://www.chsjournal.org/archive/39/1/>

5. Research on the influence of Biguanides treatment on Copper concentration in non-insulin-dependent diabetes mellitus patients. **Monica Daniela Doșa**, Doina Catrinou, Laurențiu-Tony Hangan, Cristina Galeș, Mihai Nechifor, Journal Therapeutics Pharmacology and Clinical Toxicology Vol XIV, Number 1, March 2010, pages 53-56 http://www.terapeutica.ro/archive/9-XIV_1_2010

Teza de Doctorat

Influența unor medicamente antidiabetice orale asupra concentrației plasmatice și urinare a unor cationi bivalenți. susținută în data de 05. 11. 2010, conducător științific Prof. univ. dr. Mihai Nechifor, UMF Iași

Cărți

Pharmacology-Lecture notes-first semester

Doșa Monica Daniela

Editura Ovidius University Press Constanța, 2019 ISBN 978-973-614-988-7/ Vol 1 ISBN-978-973-614-989-4, 185 pagini

Lucrări practice de Farmacologie pentru Medicină Generală

Monica Daniela Doșa, Luminița Nistor, Iulian Savu

Editura Europolis 2009, ISBN 978-973-676-357-1, 230 pagini

Diabetes Mellitus-Insights and Perspectives Chapter 12- Copper, Zinc and Magnesium in Non-Insulin- Dependent Diabetes Mellitus Treated with Metformin Monica Daniela Doșa, Cecilia Ruxandra Adumitresi, Laurențiu Tony Hangan, Mihai Nechifor Edition by O. Oguntibeju, pag 209-228.

Lucrări cu rezumat, publicate în reviste medicale cu factor de impact

Results about influence of Metformin on the concentration of Magnesium, Copper and Zinc in NIDDM patients Monica Daniela Doșa, L.C. Petcu, C Gales, M Nechifor
Journal- Basic and Clinical Pharmacology and Toxicology, 2010, 107 (Suppl.1), 162-692, 2010-16th World Congress of Basic and Clinical Pharmacology 17-23 July 2010

Influence of Metformin treatment on urinary Magnesium and Zinc loss in NIDDM adult patients
Doșa Monica, Gales Cristina, Nechifor Mihai Journal- Magnesium Research, 2012; 25 (4): 206-207